

## Disaggregation Summary Report

Test Date: 09/15/08

State: INDIANA

Grade: 6

### Purpose

This report describes group achievement for selected reporting populations.



English/language arts		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>		<b>78179</b>	<b>6140</b>	<b>8</b>	<b>49652</b>	<b>64</b>	<b>55792</b>	<b>71</b>	<b>21951</b>	<b>28</b>	<b>436</b>	<b>1</b>	<b>498.1/500.3</b>	<b>54.3</b>
General Education														
TOTAL General Education		66728	5979	9	46071	69	52050	78	14372	22	306	0	506.9/506.5	48.5
Special Education														
With accommodations		8918	36	0	2138	24	2174	24	6636	74	108	1	434.9/436.2	52.8
Without accommodations		2533	125	5	1443	57	1568	62	943	37	22	1	484.7/487.1	55.9
TOTAL Special Education		11451	161	1	3581	31	3742	33	7579	66	130	1	445.9/446.7	57.3
Limited English Proficiency														
With accommodations		1922	6	0	609	32	615	32	1224	64	83	4	448.5/452.4	49.4
Without accommodations		1321	29	2	689	52	718	54	548	41	55	4	476.2/478.4	50.9
TOTAL Limited English Proficiency		3243	35	1	1298	40	1333	41	1772	55	138	4	459.8/463.4	51.8
Non-Limited English Proficiency														
With accommodations		8935	46	1	2271	25	2317	26	6510	73	108	1	437.1/438.6	53.3
Without accommodations		66001	6059	9	46083	70	52142	79	13669	21	190	0	508.0/507.5	48.0
TOTAL Non-Limited English Proficiency		74936	6105	8	48354	65	54459	73	20179	27	298	0	499.6/501.7	53.8
Gender														
Male		39543	2179	6	24326	62	26505	67	12768	32	270	1	490.3/493.9	54.4
Female		38548	3961	10	25287	66	29248	76	9144	24	156	0	506.1/506.6	53.0
No valid information		88	0	0	39	44	39	44	39	44	10	11	467.9/473.0	51.1
SES														
Paid lunch		44866	5060	11	31521	70	36581	82	8140	18	145	0	512.6/513.5	50.7
Free or reduced lunch		33020	1072	3	17984	54	19056	58	13690	41	274	1	478.4/481.6	52.8
No valid information		293	8	3	147	50	155	53	121	41	17	6	470.8/479.3	54.3
Ethnicity														
American Indian or Alaska Native		235	7	3	147	63	154	66	79	34	2	1	489.6/494.3	48.5
Black (Not of Hispanic Origin)		9235	180	2	4516	49	4696	51	4469	48	70	1	471.0/472.9	50.3
Asian or Pacific Islander		1102	204	19	621	56	825	75	206	19	71	6	517.9/521.4	64.0
Hispanic		5156	153	3	2681	52	2834	55	2247	44	75	1	476.1/478.4	52.7
White (Not of Hispanic Origin)		59058	5368	9	39623	67	44991	76	13872	23	195	0	504.2/506.0	53.0
Multiracial		3210	223	7	1974	61	2197	68	1002	31	11	0	493.7/495.8	53.2
No valid information		183	5	3	90	49	95	52	76	42	12	7	471.5/479.3	53.7
Migrant		20	0	0	9	45	9	45	10	50	1	5	458.8/464.0	55.1

The cut score at Pass is 472. The cut score at Pass+ is 570.

The Lowest/Highest Scale Score Possible for English/language arts is 135/740.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

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Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>		<b>78179</b>	<b>15920</b>	<b>20</b>	<b>46039</b>	<b>59</b>	<b>61959</b>	<b>79</b>	<b>15838</b>	<b>20</b>	<b>382</b>	<b>0</b>	<b>510.0/513.3</b>	<b>63.4</b>
General Education														
TOTAL General Education		66728	15172	23	41354	62	56526	85	9930	15	272	0	519.0/519.8	57.1
Special Education														
With accommodations		8839	290	3	3243	37	3533	40	5213	59	93	1	444.6/449.1	68.4
Without accommodations		2612	458	18	1442	55	1900	73	695	27	17	1	499.2/502.8	68.5
TOTAL Special Education		11451	748	7	4685	41	5433	47	5908	52	110	1	457.1/459.9	72.1
Limited English Proficiency														
With accommodations		1943	99	5	882	45	981	50	950	49	12	1	459.9/464.8	68.5
Without accommodations		1300	138	11	771	59	909	70	385	30	6	0	490.7/495.0	62.3
TOTAL Limited English Proficiency		3243	237	7	1653	51	1890	58	1335	41	18	1	472.3/476.3	67.8
Non-Limited English Proficiency														
With accommodations		8855	328	4	3327	38	3655	41	5107	58	93	1	446.7/451.3	68.7
Without accommodations		66081	15355	23	41059	62	56414	85	9396	14	271	0	520.2/520.9	56.5
TOTAL Non-Limited English Proficiency		74936	15683	21	44386	59	60069	80	14503	19	364	0	511.6/514.8	62.7
Gender														
Male		39543	8634	22	22445	57	31079	79	8242	21	222	1	510.5/514.3	65.9
Female		38548	7280	19	23556	61	30836	80	7560	20	152	0	509.5/512.5	60.7
No valid information		88	6	7	38	43	44	50	36	41	8	9	468.1/480.3	76.6
SES														
Paid lunch		44866	12379	28	26816	60	39195	87	5580	12	91	0	526.3/527.7	59.2
Free or reduced lunch		33020	3520	11	19090	58	22610	68	10132	31	278	1	488.0/492.6	62.3
No valid information		293	21	7	133	45	154	53	126	43	13	4	470.1/473.8	68.2
Ethnicity														
American Indian or Alaska Native		235	40	17	136	58	176	75	56	24	3	1	500.4/499.4	59.4
Black (Not of Hispanic Origin)		9235	690	7	4949	54	5639	61	3496	38	100	1	477.2/481.5	62.7
Asian or Pacific Islander		1102	500	45	418	38	918	83	175	16	9	1	539.4/548.9	94.6
Hispanic		5156	512	10	2995	58	3507	68	1627	32	22	0	486.4/491.4	61.2
White (Not of Hispanic Origin)		59058	13637	23	35557	60	49194	83	9647	16	217	0	517.1/519.9	60.8
Multiracial		3210	527	16	1890	59	2417	75	771	24	22	1	502.3/505.8	61.9
No valid information		183	14	8	94	51	108	59	66	36	9	5	475.4/481.2	69.0
Migrant		20	0	0	11	55	11	55	9	45	0	0	462.9/472.0	45.1

The cut score at Pass is 464. The cut score at Pass+ is 559.

The Lowest/Highest Scale Score Possible for mathematics is 220/760.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%



## Applied Skills Frequency Distribution

State: INDIANA

Grade: 6

### Purpose

This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/15/08

E/la Item # - Test #	Points	Total	0 Points		1 Point		2 Points		3 Points		4 Points		5 Points		6 Points	
	Poss	Number of Stdnts	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%
<b>Writing Applications</b>																
1a-3-Writing Applications	6	78179			1368	2	9901	13	29165	37	30706	39	5596	7	624	1
13b-4-Writing Applications	4	78179			5145	7	23357	30	31003	40	16215	21				
<b>Lang. Conventions</b>																
1b-3-Lang. Conventions	4	78179			1534	2	11415	15	30636	39	34215	44				
13c-4-Lang. Conventions	4	78179			5145	7	23102	30	31250	40	16615	21				
<b>Reading Comp.</b>																
5-4-Reading Comp.	2	78179	17201	22	17666	23	41178	53								
7-4-Reading Comp.	2	78179	21727	28	23724	30	30473	39								
<b>Lit Response &amp; Analysis</b>																
9-4-Lit Response & Analysis	2	78179	26285	34	33214	42	16738	21								
11-4-Lit Response & Analysis	2	78179	9098	12	40646	52	26410	34								
13a-4-Lit Response & Analysis	2	78179	19705	25	36592	47	19423	25								

Math Item # - Test #	Points	Total	0 Points		1 Point		2 Points		3 Points		4 Points		5 Points		6 Points	
	Poss	Number of Stdnts	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%	Obtained N	%
<b>Algebra &amp; Functions</b>																
1-7-Algebra & Functions	2	78179	42387	54	18531	24	14985	19								
3-7-Algebra & Functions	2	78179	19564	25	15424	20	42621	55								
1-8-Algebra & Functions	2	78179	4958	6	4519	6	68124	87								
<b>Geometry</b>																
2-7-Geometry	2	78179	19371	25	35353	45	22987	29								
3-8-Geometry	2	78179	7835	10	22129	28	47717	61								
7-8-Geometry	2	78179	20118	26	34167	44	23429	30								
<b>Measurement</b>																
4-7-Measurement	2	78179	48653	62	2963	4	25977	33								
4-8-Measurement	2	78179	16579	21	10102	13	51046	65								
<b>Problem Solving</b>																
5-7-Problem Solving	3	78179	36054	46	21412	27	1879	2	18319	23						
7-7-Problem Solving	2	78179	2700	3	19277	25	55627	71								
2-8-Problem Solving	2	78179	15633	20	14811	19	47207	60								
5-8-Problem Solving	3	78179	25382	32	19372	25	21823	28	10756	14						
<b>Number Sense</b>																
6-7-Number Sense	2	78179	59220	76	4021	5	14278	18								
<b>Data Analysis &amp; Prob</b>																
6-8-Data Analysis & Prob	2	78179	34830	45	2334	3	40431	52								

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +                Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

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**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

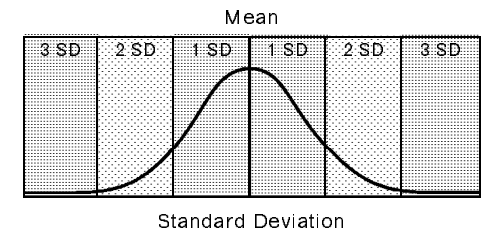
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.





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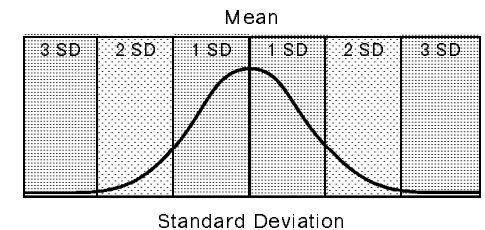
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**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

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## State Proficiency Performance Summary

State: INDIANA

Grade: 6

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/15/08

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	4520 Students Pass + in E/la and Math 6%	11115 Students Pass in E/la and Pass + in Math 14%	268 Students Did Not Pass in E/la and Pass + in Math 0%	17 Students Undetermined in E/la and Pass + in Math 0%	15920 Students Pass + in Math 20%
Mathematics Pass	1614 Students Pass + in E/la and Pass in Math 2%	34840 Students Pass in E/la and Math 45%	9494 Students Did Not Pass in E/la and Pass in Math 12%	91 Students Undetermined in E/la and Pass in Math 0%	46039 Students Pass in Math 59%
Mathematics Did Not Pass	5 Students Pass + in E/la and Did Not Pass in Math 0%	3586 Students Pass in E/la and Did Not Pass in Math 5%	12037 Students Did Not Pass in E/la and Math 15%	210 Students Undetermined in E/la and Did Not Pass in Math 0%	15838 Students Did Not Pass in Math 20%
Mathematics Undetermined	1 Student Pass + in E/la and Undetermined in Math 0%	111 Students Pass in E/la and Undetermined in Math 0%	152 Students Did Not Pass in E/la and Undetermined in Math 0%	118 Students Undetermined in E/la and Math 0%	382 Students Undetermined in Math 0%
English/ language arts TOTALS	6140 Students Pass + in E/la 8%	49652 Students Pass in E/la 64%	21951 Students Did Not Pass in E/la 28%	436 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 78179 Students with Complete Tests 77479 Students with Undetermined Scores E/la Only 318 Math Only 264 Both 118

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	498.1	510.0	MSS: 596.7	MSS: 514.5	MSS: 433.2	MSS: 592.0	MSS: 512.6	MSS: 419.9
Pass Cut Score	472	464	SD: 26.9	SD: 25.7	SD: 34.7	SD: 31.7	SD: 26.0	SD: 43.5
Pass + Cut Score	570	559	L/H Obt: 570-740	L/H Obt: 472-569	L/H Obt: 135-471	L/H/Obt: 559-760	L/H/Obt: 464-558	L/H/Obt: 220-463
Standard Deviation	54.3	63.4	L/H Range: 570-740	L/H Range: 472-569	L/H Range: 135-471	L/H Range: 559-760	L/H Range: 464-558	L/H Range: 220-463
Lowest/Highest Scale Score Obtained	135-740	220-760	6140 Students	49652 Students	21951 Students	15920 Students	46039 Students	15838 Students
Lowest/Highest Scale Score Possible	135-740	220-760	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
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**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.

